



Undar tha Paperwork Raduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. UTILITY **PATENT APPLICATION** 

Plaase type a plus sign (+) insida this box —

PTO/SB/05 (08-00)

Approved for usa through 10/31/2002. OMB 0651-0032 O

U.S. Patant and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ferus112701 Attorney Docket No. Otey, Robert W. First Inventor Thermoelectric Module with Thin Film Substrates

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**TRANSMITTAL** 

ET126335772US Express Mail Label No.

APPLICA	ATION ELEMENTS	Assistant Commissioner for Patents		
See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Box Patent Application Washington, DC 20231		
Fee Transmittal F	Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or		
(Submit an original and a	a duplicate for fee processing) Small entity status.	Computer Program (Appendix)		
2. See 37 CFR 1.27		all entity status.  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
3. Specification (preferred errangement)				
- Descriptive title	e of the invention ce to Related Applications	b. Specification Sequence Listing on:		
<ul> <li>Statement Reg</li> </ul>	arding Fed sponsored R & D	i. ☐ CD-ROM or CD-R (2 copies); or		
- Reference to se or a computer i	o sequence listing, a table, ter program listing appendix			
<ul> <li>Background of</li> </ul>	the Invention	_c. Statements verifying identity of above copies		
- Brief Description	of the Invention on of the Drawings (if filed)	ACCOMPANYING APPLICATION PARTS		
- Detailed Descr - Claim(s)	iption	9. Assignment Papers (cover sheet & document(s))		
- Abstract of the	Disclosure	10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney		
4. Drawing(s) (35 L	J.S.C. 113) [ Total Sheets 2 ]	11. English Translation Document (if applicable)		
5. Oath or Declaration	[ Total Pages 2 ]	12. Information Disclosure Copies of IDS		
a. Newly exec	uted (original or copy)	Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment		
I . ☐ Copy from a	prior application (37 CFR 1.63 (d)) tionIdivisional with Box 17 completed	Return Receipt Postcard (MPEP 503)		
	ION OF INVENTOR(S)	(Snould be specifically itemized)		
	tement attached dalating invantor(s) the prior application, saa 37 CFR	(If foreign phority is claimed)		
1.63(d)(2)	and 1.33(b).	16 Other:		
	Sheet. See 37 CFR 1.76			
or in an Application Data She	CATION, check appropriate box, and eet under 37 CFR 1 76°	supply the requisite information below and in a preliminary amendment,		
Continuetion	Divisional Continuation-in-part	CIP) of prior application No.:		
Prior epplication information:	Exeminer	Group / Art Unit:		
DOX 30, is considered a part of	the disclosura of tha accompanying o	of the prior application, from which an oath or daclaration is supplied undar intinuation or divisional application and is haraby incorporated by rafarence. advartently omittad from tha submittad application parts.		
		ONDENCE ADDRESS		
Customer Number or Bar Code Label  or Corraspondence eddress below				
Name	23	580		
	. PATENT TRADE	MARK OFFICE		
Address	· · · · · · · · · · · · · · · · · · ·			
City		State Zip Code		
Country		Telephone Fax		
Name (Print/Type)	Robert R. Deleault, Esq.	Registration No. (Attorney/Agent) 39,165		
Signature Plus Mylene Date /1-29-0/				

Burdan Hour Statamant: This form is estimated to take 0.2 hours to complete. Time will vary depanding upon the needs of the individual case. Any commants on the amount of time you are raquired to complete this form should be sent to the Chief Information Officer, U.S. Patent and Tradamark Office, Washington, DC 2021, DO NOT SEND FEED OF COMMITTEE 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commission ar for Patents, Box Patant Application. Washington, DC 20231.

Signeture



1-19-01

PTO/SB/17 (09-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Petent end Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## **FEE TRANSMITTAL** for FY 2001

Petent fees era subject to ennuel revision.

**TOTAL AMOUNT OF PAYMENT** 

(\$)	1,272	.00
------	-------	-----

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Otey, Robert W.			
Examiner Name				
Group Art Unit				
Attorney Docket No.	ferus112701			

METHOD OF PAYMENT	FEE CALCULATION (continued)	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES				
Deposit	Large Entity Smell Entity Fee				
Account Number	Code (\$) Code (\$) Fee Description	Fee Paid			
Deposit	105 130 205 65 Surcharge - lete filing fee or oath				
Account Neme	127 50 227 25 Surcharge - late provisional filling fee or cover sheet				
Charge Any Additional Fee Required Under 37 CFR 1.16 end 1.17	139 130 139 130 Non-English specification				
Applicant claims small entity status.	147 2,520 147 2,520 For filing a request for ex perte reexamination				
See 37 CFR 1.27  2. Payment Enclosed:	112 920° 112 920° Requesting publication of SIR prior to Examiner action				
2.  Payment Enclosed:  Check Credit card Money Order Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	115 110 215 55 Extension for reply within first month				
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month				
Large Entity Smell Entity	117 890 217 445 Extension for reply within third month				
Fee Fee Fee Fee Deecription Code (\$) Code (\$) Fee Paid	118 1,390 218 695 Extension for reply within fourth month				
101 710 201 355 Utility filing for	128 1,890 228 945 Extension for reply within fifth month				
106 320 206 160 Design filling fee \$740	119 310 219 155 Notice of Appeal				
107 490 207 245 Plant filing fee	120 310 220 155 Filing a brief in support of an appeal				
108 710 208 355 Reissue filing fee	121 270 221 135 Request for oral hearing				
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding				
	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 740.00	141 1,240 241 620 Petition to revive - unintentional				
2. EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)				
Fee from Extra CleIms below Fee Paid	143 440 243 220 Design issue fee				
Total Claims 38 -20** = 18 x \$18 = 324.00	144 600 244 300 Plant issue fee				
Cleims 5 -3 - 2 X 384 = 168.00	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent	123 50 123 50 Petitions related to provisional applications				
Large Entitle a	126 240 126 240 Submission of Information Disclosure Stmt				
Large Entity Smell Entity Fee Fee Fee Fee Fee Deecription Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	40.00			
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection				
102 80 202 40 Independent claims in excess of 3	(37 CFR § 1.129(e))  149 710 249 355 For each additional invention to be				
104 270 204 135 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))				
109 80 209 40 ** Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)				
110 18 210 9 ** Reissue claims in excess of 20 end over originel patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 492.00	Other fee (specify)				
**or number previously peid, if greeter; For Reissues, see ebove	Reduced by Basic Filing Fee Peid SUBTOTAL (3)	40.00			
SUBMITTED BY Complete (if applicable)					
Neme (Print/Type) Robert R. Deleault, Esq.	Registration No. (Attorney/Agent) 39,165 Telephone (603) 668-	1071			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the emount of time you ere required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.